



Supplemental Fig. 1. A Western blot confirming the CA antibody cross-reacts with both $\beta CA1$ and $\beta CA2$. The $\beta ca1$ T-DNA mutant (SALK_106570) lacks the protein band at 25 kDa, confirming the band as the $\beta CA1$ protein. The $\beta ca2$ T-DNA mutant lacks the protein band at 28 kDa as previously shown. Each lane contains a $5 \mu\text{g } \mu\text{L}^{-1}$ total protein load from a leaf source.